

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

Specification at page 1, line 1:

This application is the US national phase
application of PCT International Application No
PCT/GB00/03280 filed August 29, 2000.

IN THE CLAIMS:

3. (Amended) Apparatus as claimed in Claim 1 ~~or Claim 2~~
wherein the laser frequency is varied by physical
alteration of a secondary cavity such as a crystal
provided to double the primary frequency.

4. (Amended) Apparatus as claimed in ~~any of the~~
~~preceding Claims~~ Claim 1 wherein the modulation frequency
is a harmonic of the beat frequency.

5. Apparatus as claimed in ~~any of the preceding Claims~~
Claim 1 wherein the modulation frequency is a harmonic of
a specific molecular resonance.

6. Apparatus as claimed in ~~any of the preceding Claims~~
Claim 1 wherein the aperture or angle of the beam passage
through the cancellation device may be varied consequently
varying the beat frequency.

7. Apparatus as claimed in ~~any of the preceding Claims~~

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Claim 1 wherein the selected portion of the beam may be varied to alter the balance between constructive and destructive nodes.

8. Apparatus as claimed in ~~any of the preceding Claims~~ Claim 1 wherein the means for modulating the laser frequency is the consequential mode transition of a laser diode in pulse mode.

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